

dbb	1231	TCCCCATGCTATTGAGTCCTGAGTCACATAGGCCAACTCAGGGCGAACCCAGCCAAATCT 1172
Db	1327	gtggaaagaaggtttcaggagcatgaaagtttga 1362
Dy	1171	GCTGCAAGAANGT'RTCAAGGCATGAAGTTGA 1136
Ddb		
RESULT 4		
	AAAF94186	
	ID AA94186 standard; DNA; 587 BP.	
	XX	
	XX	AAF94186;
	XX	
	XX	23-MAY-2001 (first entry)
	DT	
	XX	Primer specific for DNA encoding secretory/membrane protein SEQ ID 620
	DE	
	XX	Human: secretory protein; membrane protein; vaccine; gene therapy;
	KW	
	XX	rheumatoid arthritis; diabetes; PCR primer; ss.
	XX	
	OS	
	XX	
	XX	synthetic.
	PN	
	PN	EP1067182-A2.
	XX	
	XX	10-JAN-2001.
	PD	
	XX	07-JUL-2000; 2000EP-0114090.
	PF	
	XX	08-JUL-1999; 99JP-0194179.
	PR	
	XX	11-JAN-2000; 2000JP-0118775.
	PR	
	XX	02-MAY-2000; 2000JP-0183766.
	PA	
	XX	(HELI-) HELIX RES INST.
	PI	
	XX	Ota T, Isogai T, Nishikawa T, Kawai Y, Sugiyama T, Hayashi K;
	PI	
	XX	DR: 2001-093985/11.
	PT	
	XX	Nucleic acids encoding secretory proteins/membrane proteins, useful in gene therapy or as candidate target molecules in drug development -
	PT	
	XX	Claim 5; SEQ ID 620; 609pp + CD ROM; English.
	PS	
	XX	This invention relates to nucleic acid sequences AAF93744 - AAF93916
	CC	which encode human secretory or membrane proteins represented by primers
	CC	AAB8317 - AAB88419. Included in the invention are primers
	CC	AAF93917 - AAF94295 and AAF62235 which are used to isolate
	CC	cDNA sequences of the invention. The invention also includes methods for the production of antibodies directed against the proteins, and cDNA sequences, which can be used in vaccines. The polynucleotide sequences can be used in gene therapy. The polynucleotide sequences and the proteins they encode may be used in the prevention, treatment and diagnosis of diseases associated with inappropriate secretory protein/membrane protein expression. The nucleic acids and complementary sequences may also be used as DNA probes in diagnostic assays (e.g. polymerase chain reactions (PCR) to detect and quantitate the presence of similar nucleic acid sequences in samples. They may also be used to study the expression and function of secretory proteins/membranes/polypeptides and their role in metabolism. The polypeptides may be used as antigens in the production of antibodies against them and in assay identity modulators (agonists and antagonists) of expression and activity. The antibodies and antagonists may also be used as therapeutic agents to down regulate expression and activity. The antibodies may also be used as diagnostic agents for detecting the presence of the polypeptides in samples (e.g. by enzyme linked immunosorbant assay (ELISA). Examples of diseases which may be treated include rheumatoid arthritis and diabetes.
	CC	
	CC	Sequence 587 BP; 117 A; 162 C; 140 G; 162 T; 6 other;
	XX	
	SQ	
	XX	Query Match 17.4%; Score 236.6; DB 22; Length 587;
	XX	Best Local Similarity 85.8%; Pred. No. 1.4e-46;

Page 7

02-APR-1997; 97US-0832399.
(SMIK) SMITHKLINE BEECHAM CO
P-FSDB; AAW8098.
WPI: 1998-5594/34/48.
Bergsma DJ, Shabon U;
New human neurotensin receptor
- useful as diagnostic reagent
for cancer and osteoporosis

Claim 4: Page 7-8; 26pp; Eng

The present sequence encodes hnr polypeptides and polynucleotides related to over or underexpression mutations in the hnr gene us or mRNA expression levels. The compounds which affect the expression may be used for treatment to inhibit activity, in addition to direct treat conditions associated with administration of antisense sequences may also be used to affect comprising hnr polypeptides and antibodies are useful for treat disease, and isolating chromatography. Diseases present or HIV-2 infections; pain; heart failure; Parkinson's disease; retention; osteoporosis; angina; allergies; benign prostatic hyperplasia; disorders, including anxiety, dementia, severe mental retardation or Gilles de la Tourette disease also useful for mapping the genetic inheritance to be studied thus Sequence 1342 BP; 271 A; 437

ISU LT 1			
AV62449			
AAV62449 standard; cDNA; 1342 BP.			
AAV62449;			
6-JAN-1999 (first entry)			
Human neurotensin receptor type 2 e			
Human; neurotensin receptor type 2;			
fungal; viral; HIV-1; HTLV-2; cancer			
acute heart failure; Parkinson's disease			
urinary retention; osteoporosis; an			
ulcer; allergy; benign prostatic hy			
psychotic; neurological disorder; m			
severe mental retardation; dyskiness			
Gilles de la Tourette's syndrome; s			
Homo sapiens.			
Key	Location/Qualifiers		
CDS	53 .. 1012		
	/*tag= a		
EP8755568-A1.			
04-NOV-1998.			
01-APR-1998.			
98EP-0302336.			

Vogeli G, Wood LS, Parodi LA, Hiebsch RR, Lind P, Slightom J; Schellin KA, Kaytes PS, Bannigan CM, Ruff V, Sejlitz T, Huff RM; WPI; 2001-389826/41. P-PDR. AACR0937

New G protein-coupled receptor (nGPCR-x) and its encoding polynucleotide useful for diagnosing and treating e.g. schizophrenia.

Claim 4: Page 78-79; 261pp; English.

The present invention relates to novel G protein-coupled receptors (nGPRx); where x is 1, 3, 4, 5, 9, 11, 12, 14-18, 20, 21, 22, 24, 27, 28, 31-38, 40, 41, 53-60) and their coding sequences; The present sequence is also the coding sequence for one such G protein-coupled receptor. GPRs are also known as seven transmembrane receptors and function in signal transduction. The nGPRx coding sequences are useful for screening a human to diagnose a disorder affecting the brain or a genetic predisposition, specifically schizophrenia. nGPRx are useful for identifying compounds useful for treating schizophrenia. Detection of nGPRx in a sample is useful as a diagnostic tool for diseases or disorders e.g., thyroid disorders, renal failure, rheumatoid arthritis, CNS disorders, infections such as HIV-1, metabolic and cardiovascular diseases, proliferative disorders and hormonal disorders. Modulators of nGPRx activity have the utility for treating neurological disorders, including schizophrenia, ADHD/ADD (attention deficit-hyperactivity disorder/attention deficit disorder), and neuronal disorders such as Alzheimer's disease, Parkinson's disease, migraine and senile dementia. Additional disorders include inflammatory conditions (e.g. Crohn's disease), rheumatoid arthritis, autoimmune disorders, cancers, respiratory ailments such as asthma, and inflammatory diseases e.g., inflammatory bowel disease.

Sequence 801 BP: 300 A: 187 C: 261 G: 153 T: 0 other: